IN THE CLAIMS:

Please AMEND claims 1, 4, 5, 34, 39, 41 and 44 and CANCEL claims 6-33, 35-38, 42 and 45 without prejudice or disclaimer in accordance with the following:

1. (CURRENTLY AMENDED) A disk cartridge or housing comprising:

a case housing an information recording and/or reproduction disk and a shutter which is installed on the case and selectively opened and closed to accomplish an access to the disk by a recording and/or reproduction apparatus; and

a protrusion group having a plurality of protrusions each protruding therefrom and toward the disk so as to generate a sinusoidal air pressure profile having an initially increasing and then decreasing amplitude in the outward radial direction of the disk on the surface of the disk, the protrusion group being formed on an inner wall of at least one of the case and the shutter, and extending linearly radially in parallel from a rotational axis of the disk.

2. (ORIGINAL) The disk cartridge or housing of claim 1, wherein the protrusion group comprises a plurality of protrusions repeating at a predetermined interval in a predetermined pattern.

3. (CANCELLED)

4. (CURRENTLY AMENDED) A disk cartridge or housing comprising:

a case housing an information recording and/or reproduction disk and a shutter which is installed on the case and selectively opened and closed to accomplish an access to the disk by a recording and/or reproduction apparatus; and

a protrusion group having a plurality of protrusions each protruding therefrom and toward the disk so as to generate a sinusoidal air pressure profile having an initially increasing and then decreasing amplitude in the outward radial direction of the disk on the surface of the disk, the protrusion group being formed on an inner wall of at least one of the case and the shutter,

wherein the protrusion group includes at least two protrusion groups each disposed at an equiangular interval in a direction of rotation of the disk.

5. (CURRENTLY AMENDED) A disk cartridge or housing comprising:

a case housing an information recording and/or reproduction disk and a shutter which is installed on the case and selectively opened and closed to accomplish an access to the disk by a recording and/or reproduction apparatus; and

a protrusion group having a plurality of protrusions each protruding therefrom and toward

the disk so as to generate a sinusoidal air pressure profile having an initially increasing and then decreasing amplitude in the outward radial direction of the disk on the surface of the disk, the protrusion group being formed on an inner wall of at least one of the case and the shutter,

wherein the protrusion group includes protrusion groups arranged in a stepped manner in a radial direction of the disk.

6-33. (CANCELLED)

34. (CURRENTLY AMENDED) A disk cartridge having an information recording and/or reproducing disk comprising:

a case enclosing the disk; and

at least one protrusion group having a plurality of protrusions each protruding therefrom and toward the disk so as to generate a sinusoidal air pressure profile having an initially increasing and then decreasing amplitude in the outward radial direction of the disk on the surface of the disk, the protrusion group being formed within said case, and being positioned in parallel linearly in the radial direction of the disk.

35-38. (CANCELLED)

39. (CURRENTLY AMENDED) A disk cartridge having an information recording and/or reproducing disk comprising:

a case enclosing the disk; and

at least one protrusion group having a plurality of protrusions each protruding therefrom and toward the disk, the protrusion group being formed within said case, and being positioned in parallel linearly in the radial direction of the disk~~The disk cartridge according to claim 34~~, wherein the plurality of protrusions are adjacent to each other such that they form a sine curve shape configuration.

40. (PREVIOUSLY PRESENTED) The disk cartridge according to claim 34, wherein the plurality of protrusions are positioned linearly in the radial direction of the disk and adjacent to each other such that they form a saw tooth shape configuration.

41. (CURRENTLY AMENDED) A disk cartridge having an information recording and/or reproducing disk comprising:

a case enclosing the disk; and

at least one protrusion group having a plurality of protrusions each protruding therefrom and toward the disk so as to generate a sinusoidal air pressure profile having an initially increasing and then decreasing amplitude in the outward radial direction of the disk on the surface of the disk, the protrusion group being formed within said case,

wherein the protrusion group is plural in number and includes protrusion groups arranged in a radial direction of the disk in a stepped manner.

42. (CANCELLED)

43. (ORIGINAL) The disk cartridge according to claim 34, further comprising:

foreign material filters positioned within said case.

44. (CURRENTLY AMENDED) A disk recording/reproducing apparatus for recording information on or reproducing information from a disk while rotating the disk, comprising:

a housing; and

a protrusion group having a plurality of protrusions each protruding therefrom and toward the disk so as to generate a sinusoidal air pressure profile having an initially increasing and then decreasing amplitude in the outward radial direction of the disk on the surface of the disk, the protrusion group being formed within the housing, and being positioned in parallel linearly in the radial direction of the disk.

45. (CANCELLED)

46. (PREVIOUSLY PRESENTED) A disk cartridge comprising:

a case to house an information recording and/or reproduction medium;

a shutter, which is installed on the case, to be selectively opened and closed so as to provide access for a recording and/or reproduction apparatus to the medium; and

a plurality of protrusions, attached to at least one of the case and/or the shutter, to protrude toward the medium so as to generate a sinusoidal air pressure profile having an initially increasing and then decreasing amplitude in the outward radial direction of the medium on the surface of the medium.

47. (PREVIOUSLY PRESENTED) The disk cartridge according to claim 46, wherein the protrusions form a surface having a sinusoidal shape.

48. (PREVIOUSLY PRESENTED) The disk cartridge according to claim 46, wherein

the protrusions form a surface having a sinusoidal shape with a frequency that increases in the outward radial direction of the medium.

49. (PREVIOUSLY PRESENTED) The disk cartridge according to claim 46, wherein the protrusions form a surface having a variety of periodically-repeated shapes.